

Investigation report

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Investigation report No. 20/3018

Order description:	Resistance to disinfectant agents in accordance with the D-LAB standard [Taking into consideration: coating materials - determination of resistance to liquid drops / stains as per DIN EN ISO 2812-4 (2008-06) procedures and an assessment in line with DIN EN ISO 4628-1 (2016-01) and ISO 4628-2 (2016-01)].
Test samples:	"41879 Colorado, col.: 5550, 86% PVC, 14% PES"
Sampling:	by orderer
Orderer:	see address
Date of order:	11.09.2020
Date of delivery:	14.09.2020
Date of testing:	17.09.2020
Number of pages:	4

Remark:

The results are valid only for the tested object. Accredited test methods are underlined. The valuations and Interpretations in the investigation report are not subject to accreditation. Tests conducted through co-operation partners are marked with °. All information provided by the customer, which is taken over unchecked and thus reflected in the examination report, are placed in quotation marks on the first page of the investigation report. The content of this investigation report will not be passed to third persons without written approval of the orderer. The partial publication of the test report, as well as the usage for commercial process, is only allowed with a permission of the DELCOTEX Delius Techtex GmbH & Co. KG. Remnants of test material will be destroyed after 3 months. Previously stated specifications / data sheets / certificates are only characters and no warranties. Also no warranty in case of durability will be overtaken. Finally our general delivery and payment conditions are valid (please see www.textillabor.eu).

Instructions for performing

- Method: Resistance to disinfectant agents in accordance with the D-LAB standard [Taking into consideration: coating materials - determination of resistance to liquid drops / stains as per DIN EN ISO 2812-4 (2008-06) in accordance based on and an assessment according to ISO 4628-1 (2016-01) and ISO 4628-2 (2016-01)].**

Test results

Disinfectant agent/ concentration		Assessment after exposure time (15 minutes) after ISO 4628-1			Assessment after ISO 4628-2		Assessment after 24 hours acc. ISO 4628-1			Assessment after ISO 4628-2	
		Amount of damage*	Magnitude of damage*	Intensity of change*	Bubble size	Bubble quantity	Amount of damage*	Magnitude of damage*	Intensity of change*	Bubble size	Bubble quantity
"41879 Colorado, col.: 5550, 86% PVC, 14% PES"											
Ethanol 75%ig Active substance: alcohol exposure time: 15 minutes	Drops Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
	Wipe Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
	Drops Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
	Wipe Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
"41879 Colorado, col.: 5550, 86% PVC, 14% PES"											
Propanol 75%ig Active substance: alcohol exposure time: 15 minutes	Drops Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
	Wipe Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
	Drops Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
	Wipe Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0

Instructions for performing

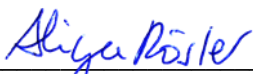
- 2. Method: Resistance to disinfectant agents in accordance with the D-LAB standard [Taking into consideration: coating materials - determination of resistance to liquid drops / stains as per DIN EN ISO 2812-4 (2008-06) in accordance based on and an assessment according to ISO 4628-1 (2016-01) and ISO 4628-2 (2016-01)].**

Test results

Disinfectant agent/ concentration		Assessment after exposure time (4h) after ISO 4628-1			Assessment after ISO 4628-2		Assessment after 24 hours acc. ISO 4628-1			Assessment after ISO 4628-2	
		Amount of damage*	Magnitude of damage*	Intensity of change*	Bubble size	Bubble quantity	Amount of damage*	Magnitude of damage*	Intensity of change*	Bubble size	Bubble quantity
"41879 Colorado, col.: 5550, 86% PVC, 14% PES"											
Ethanol 75%ig Active substance: alcohol exposure time: 4 h	Drops Test Disinfectant Agent	0	0	1-2	0	0	0	0	0	0	0
	Wipe Test Disinfectant Agent	0	0	1-2	0	0	0	0	1	0	0
	Drops Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
	Wipe Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
"41879 Colorado, col.: 5550, 86% PVC, 14% PES"											
Propanol 75%ig Active substance: alcohol exposure time: 4 h	Drops Test Disinfectant Agent	0	0	2	0	0	0	0	0	0	0
	Wipe Test Disinfectant Agent	0	0	2	0	0	0	0	0	0	0
	Drops Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0
	Wipe Test Disinfectant Agent	0	0	0-1	0	0	0	0	0	0	0

Test results

Parameter*	Amount of Damage	Magnitude of Damage	Intensity of change
0	None or no visible damage	Not visible at 10x magnification	No alteration or no perceptible change
1	Very little although a significant number of damage spots	Only visible at 10x magnification	Very small but change just perceptible
2	Small although a significant number of damage spots	Just visible to the naked eye (visual acuity corrected to normal vision)	wahrnehmbare Veränderung Small but clearly noticeable change
3	Moderate amount of damage	Clearly visible to the naked eye (corrected for normal vision) (up to 0.5 mm)	Moderate but significant and noticeable change
4	Considerable amount of damage	Ranging from 0.5 mm to 5 mm	Intense, pronounced change
5	A great deal of damage	More than 5 mm	Very intense change



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Laboratory

DELCOTEX Delius Techtex GmbH & Co. KG

Only the information contained in the signed test report is binding